

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017711.D
 Acq On : 19 Mar 2024 16:56
 Operator : SY/MD
 Sample : P1791-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-03182024

Quant Time: Mar 20 03:03:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	118108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	189312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57667	51.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.040%
35) Dibromofluoromethane	7.728	113	70328	46.884	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.760%
50) Toluene-d8	10.191	98	243558	46.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.489	95	63682	38.635	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.280%

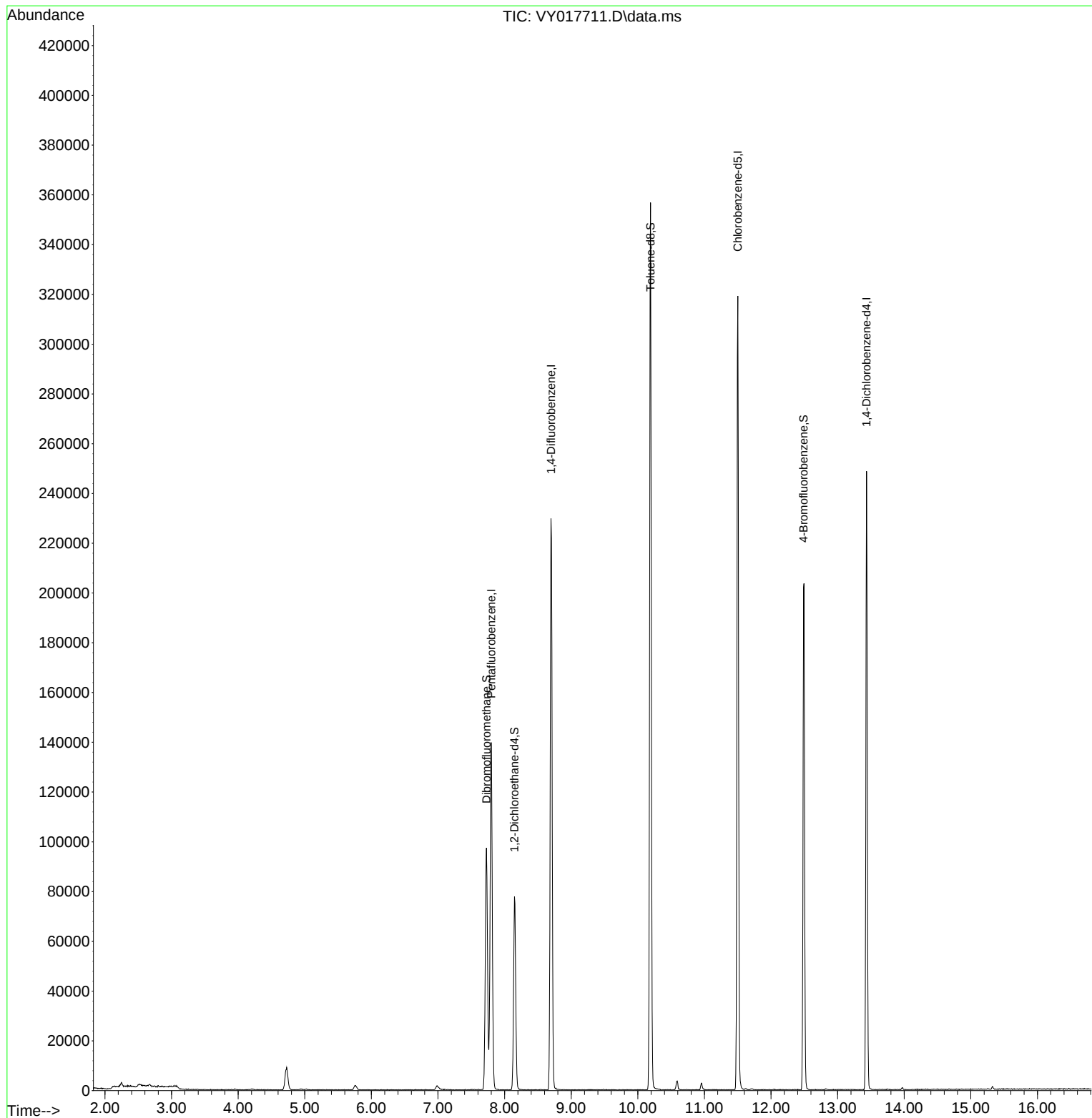
Target Compounds	Qvalue

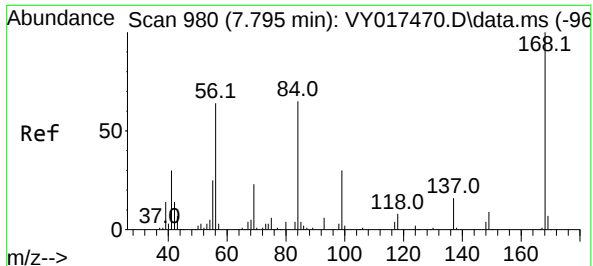
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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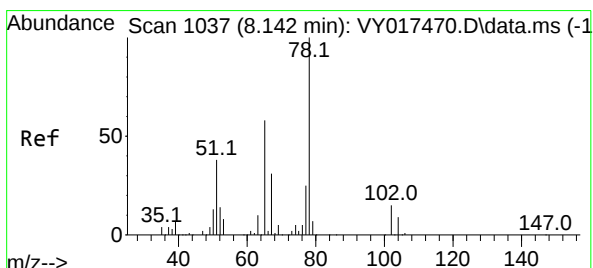
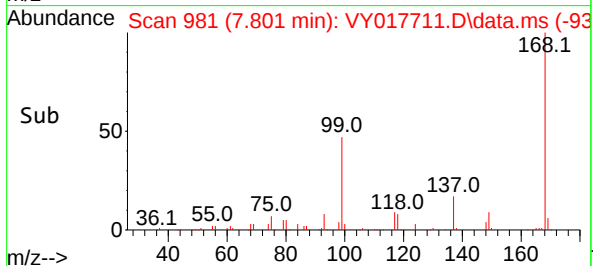
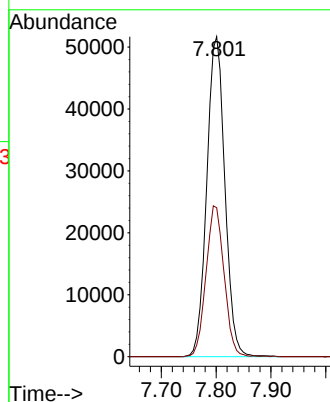
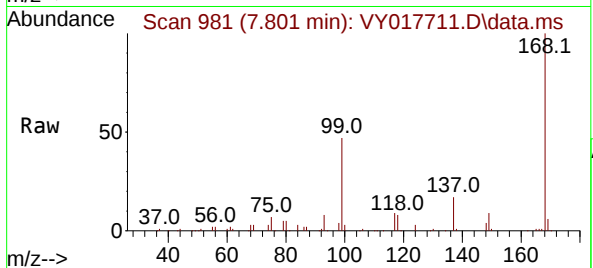




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

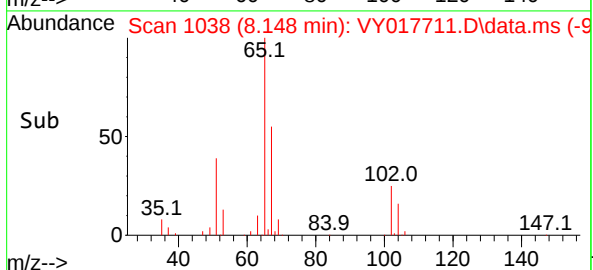
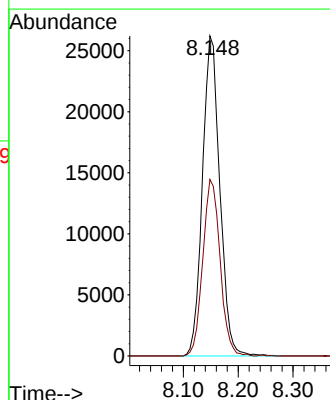
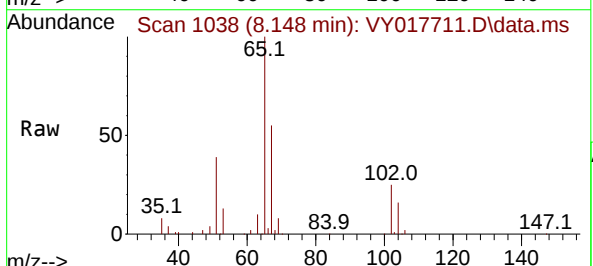
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-03182024

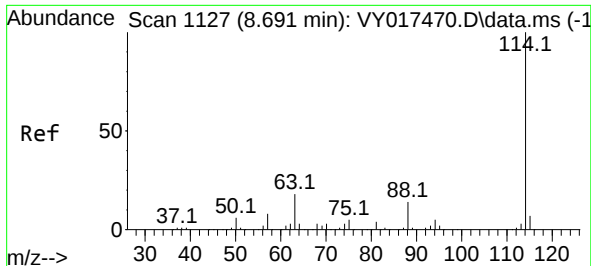
Tgt Ion:168 Resp: 118108
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.518 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Tgt Ion: 65 Resp: 57667
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017711.D

Acq: 19 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-03182024

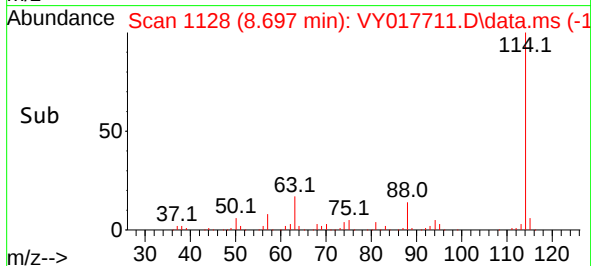
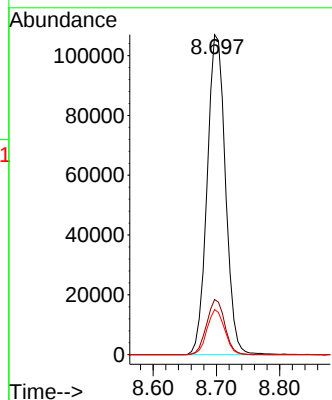
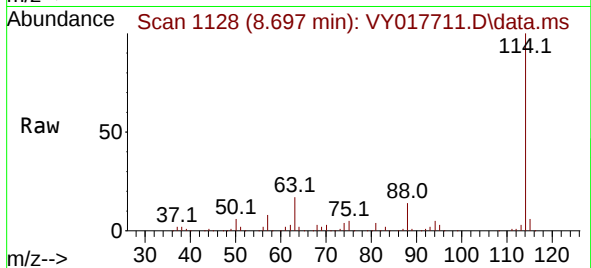
Tgt Ion:114 Resp: 215268

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.884 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017711.D

Acq: 19 Mar 2024 16:56

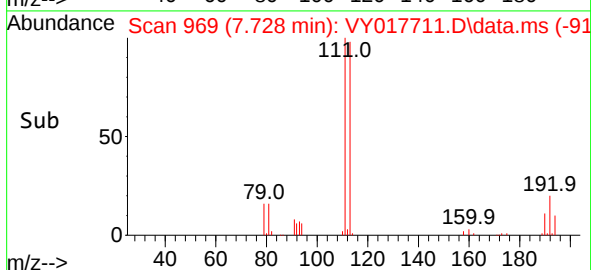
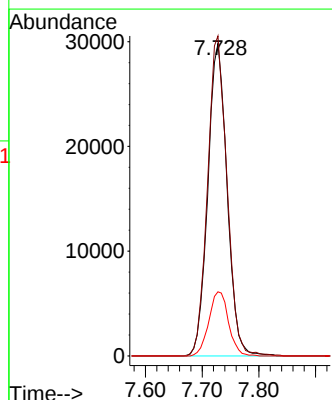
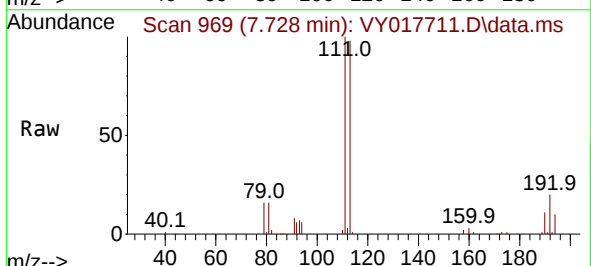
Tgt Ion:113 Resp: 70328

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 21.0 15.9 23.9

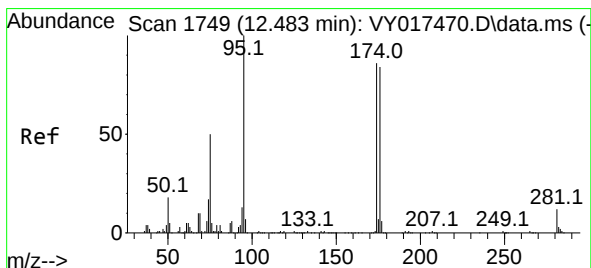
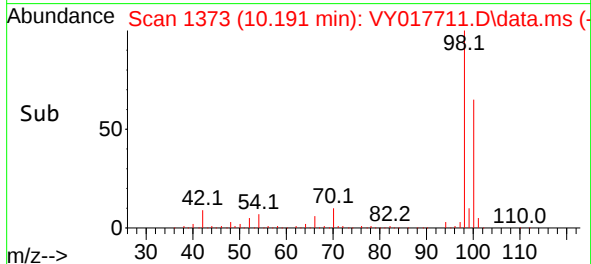
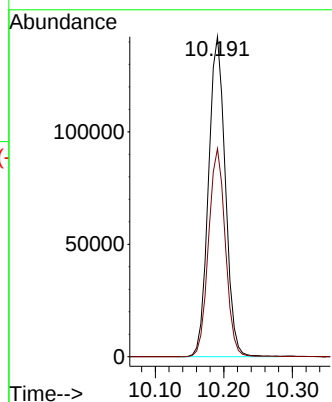
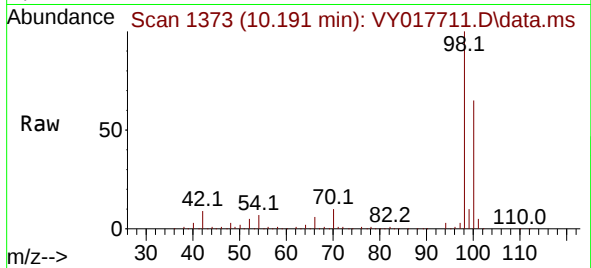




#50
Toluene-d8
Concen: 46.438 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

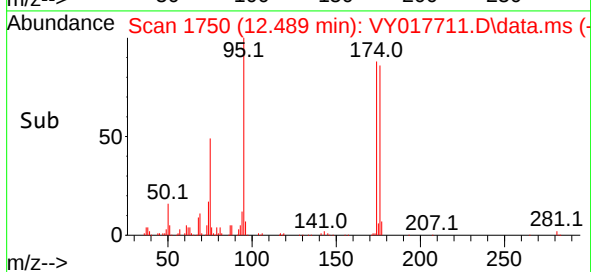
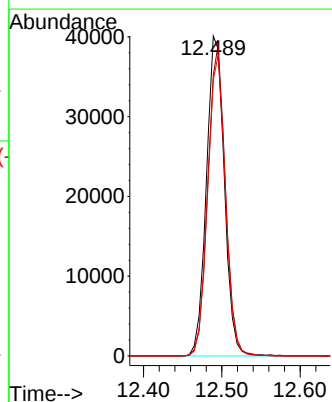
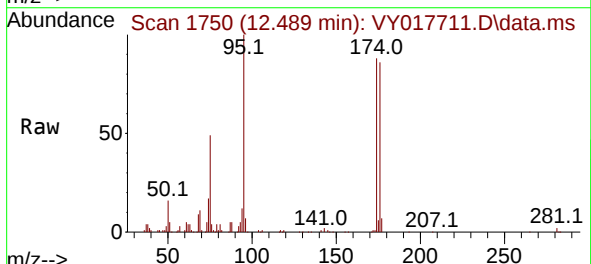
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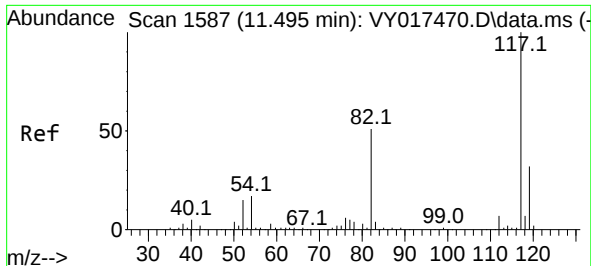
Tgt Ion: 98 Resp: 243558
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.635 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Tgt Ion: 95 Resp: 63682
Ion Ratio Lower Upper
95 100
174 95.3 0.0 175.6
176 92.5 0.0 171.4

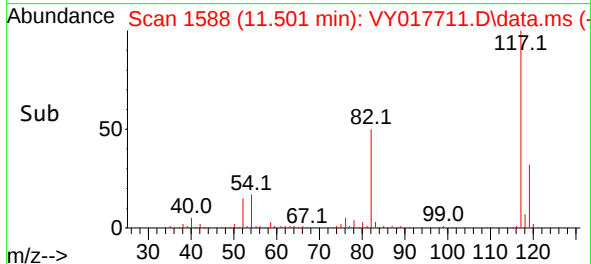
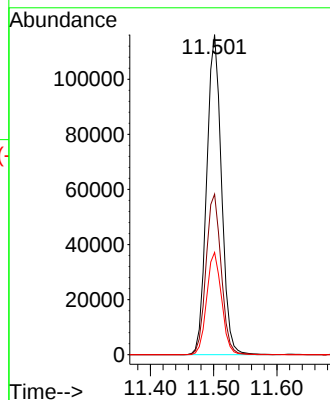
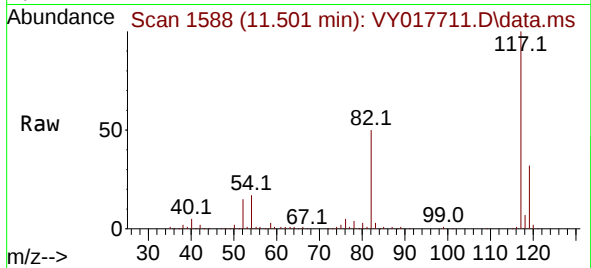




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-03182024

Tgt Ion:117 Resp: 189312
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017711.D
Acq: 19 Mar 2024 16:56

Tgt Ion:152 Resp: 67063
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.7
150 154.4 0.0 345.6

